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[Lightweight recoverable virtual memory](#)- [\\*uga.edu](#) (PDF)

M Salyanarayanan, HH Mashburn, P Kumar, DC Steere, ... - ACM Transactions on Computer Systems (TOCS), 1994 - portal.acm.org

... University Recoverable **virtual memory** refers to regions of a **virtual address**

space on which transactional guarantees are offered. ...

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(PDF) [\\*Mach: A new kernel foundation for UNIX development](#)

M Accetta, R Baron, W Bolosky, D Golub, R Rashid, ... - contract - cse.nd.edu

... These include a **virtual address** space and a set of port rights. ... for writing will

be copied and the copy placed instead into A's **virtual memory table**. ...

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(book) [Koan: a shared virtual memory for the ipsc/2 hypercube](#)- [\\*kfuom.edu.sa](#) (PDF)

Z Lahjomri, T Priol - 1991 - Springer

... Each processor has partial knowledge for every page of the **virtual address** space. ...

as well as the resulting matrix are stored in the shared **virtual memory**. ...

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The duality of memory and communication in the implementation of a multiprocessor operating system- [\\*utoronto.ca](#) (PDF)

M Young, A Tevanian, R Rashid, D Golub, J Eppinger - Proceedings of the eleventh ACM Symposium on Operating ..., 1987 - portal.acm.org

... Tasks may allocate memory regions anywhere within the **virtual address** space defined

by ... vm stats) - Return \$taffstic\$ about this task's use of **virtual memory**. ...

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[Active pages: A computation model for intelligent memory](#)- [\\*psu.edu](#) (PDF)

M Oskin, FT Chong, T Sherwood - ACM SIGARCH Computer Architecture News, 1998 - portal.acm.org

... Our global **virtual address** space implies that some Active- Page functions may ...

applications and will greatly simplify future work in paging and **virtual memory**. ...

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[From RIG to Accent to Mach: the evolution of a network operating system](#) - [harvard.edu](#) [PDF]

RF Rashid - Proceedings of 1986 ACM Fall joint computer conference table ..., 1986 - portal.acm.org

... I Support for large, sparse **virtual address** spaces, copy-on-write virtual copy ... Accent maintains a **virtual memory table** for each user process and for the ...

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[Method for the dynamic allocation of page sizes in virtual memory](#)

JB Kline, D Wagner, AK Ezzat - US Patent 5,802,341, 1998 - Google Patents

... is a drawing illustrative of a **virtual memory table** 30 must ... 84 and there is not enough **virtual address**. ... to accommodate the request, A **virtual memory** with more ...

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[... interface enabling application programs to control allocation of physical memory in a virtual memory ...](#)

CG Eisler, GE Engstrom - US Patent 6,128,713, 2000 - Google Patents

... a paged virtual mem Ttæ remain 12 bits of the **virtual address** (11 memory ... the page offset from the program is an address in **virtual memory table** or memory ...

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[PDF] •Trojan: A high-performance simulator for shared memory architectures

D Park, RH Saavedra - ANNUAL SIMULATION SYMPOSIUM, 1996 - Citeseer

... In the memory module, however, the **virtual address** is used to access a ... In this section, we discuss the performance of Trojan with and without **virtual memory**. ...

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[Flexible expansion of virtual memory addressing](#)

DR Johnson, WD Ward - US Patent 5,732,404, 1998 - Google Patents

... and most recently, to 64 bits, the size of **virtual address** space Virtual memory is also being incorporated into parallel 35 has increased accordingly, from2\*\*8 ...

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[Method apparatus and system for managing virtual memory with virtual-physical mapping](#)

TM Long, MJ Webb, C Amies - US Patent 6,393,545, 2002 - Google Patents

... address (880) using a hash function to produce an index into the **virtual memory table**. 19 Claims, 135 Drawing Sheets From IIS or RO **Virtual Address** 32 Virtual ...

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[Application binary interface and method of interfacing binary application program to digital ...](#)

JS Zucker - US Patent 5,822,787, 1998 - Google Patents

Page 1. United States Patent Zucker US005822787A [ij] Patent Number: [45]

Date of Patent: 5,822,787 Oct. 13, 1998 [54] APPLICATION ...

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### Method and system for restoring the state of physical memory as the focus changes among application ...

GE Engstrom, CG Eisler - US Patent 6,247,042, 2001 - Google Patents

... The remaining 12 bits of the **virtual address** (11 ... P bit) is set to 1 only when the page offset from the program is an address in **virtual memory table** or memory ...

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### LISTAR: Lincoln Information Storage and Associative Retrieval system

A Arment, S Galley, R Goldberg, J Nolan, A Sholl - Proceedings of the May 5-7, 1970, spring joint computer ..., 1970 - portal.acm.org

... entry" manage- ment, consisting "of assigning and updating a **virtual address** to an ... A table called the "**virtual memory table**" (VM table) is maintained in LISTAR ...

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### Experiences with the Accent Network Operating System

RF Rashid - Proc. Int. Seminar on Networking in Open Systems - Springer

... Each entry of an Accent **virtual memory table** maps a ... Figure 4-1 : Mapping a **virtual address** in Accent The Accent process **virtual memory** map is maintained as a ...

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### [CITATION] Fast Communication in Distributed Systems Using the Networked Virtual Memory System

M Morris, A Jinzaki, T Niinomi, Y Ageo, S ... - IEEE Computer Society TOCA Newsletter, 1993

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### A Case Study of Improving Memory Locality In Polygonal Model Simplification: Metrics and Performance- ubc.ca [PDF]

V Salamon, P Lu, B Watson, D Brodsky, D Gomboc - Lecture notes in computer science, 2001 - Springer

... A scatter plot of the **virtual address** of each memory access versus the times ... These data structures require a lot of **virtual memory** (Table 1). The blocks of ...

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### Methods and systems for extending an application's address space

TE Stonecypher - US Patent 6,832,295, 2004 - Google Patents

... data structures and the file system cache. The remainder of the **virtual address** space may be used for application **virtual memory**. ...

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### [DOC] •Is Windows XP Professional x64 Edition Right for Me?

C Russel - download.microsoft.com

... completeness. Most of us can happily ignore them and focus on two types: physical memory and total **virtual address** space (**virtual memory**). ...

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Secure computing device including **virtual memory table** look-aside buffer with non-relocatable page ...

FL Laczko, DE Steiss - US Patent App. 09/827,851, 2001 - Google Patents

... 30,2001 (54) SECURE COMPUTING DEVICE INCLUDING **VIRTUAL MEMORY TABLE** LOOK-ASIDE BUFFER

WITH ... table look-aside buffer having a fixed **virtual address** register and ...

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Virtual to physical memory mapping in network interfaces

J Beecroft, D Hewson, M McLaren - US Patent App. 10/712,218, 2003 - Google Patents

... processor and is able to interrogate the host processor's **virtual memory table**,

so as to ... that is a compression of a conventional 32 bit **virtual address** but is ...

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Fast paging of a large memory block

GF McBrearty, MD Rogers - US Patent App. 10/667,252, 2003 - Google Patents

... Typically, to swap a page of memory, the **virtual address** referring to the ... In particular, through **virtual memory table** 40, RAM 24 is expanded via disk space 26 ...

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[PDF] \*An operating system structure for wide-address architectures

JS Chase - 1995 - Citeseer

... addresses. Most **virtual memory** operating systems use the processor's **virtual**

**address** space independently for each executing program. ...

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